

Climbing team places well in regional comp.

Ryan Browne
Editor-in-Chief

Across two months, five competitions, and two states, the Colorado School of Mines Rock Climbing team has blown away the competition, with members sweeping the top three positions overall for the women, and the men clinched third place overall.

The regional Collegiate Climbing Series (CCS), a set of five separate meets, drew competitors from across Colorado and New Mexico, including Colorado State University, the University of Colorado, and the University of New Mexico.

Meeting at universities throughout Colorado and New Mexico, the CSM team consistently placed at the top of the competition. Across the five events, the climbing team averaged three members per event.

“The CCS comps were a lot of fun and it was a great experience for everyone involved. It’s great how well we did and it was our first season! I’m really excited to see what we can do next semester!” said club president Megan Emmons.

With scores at each individual competition combined, the CSM Rock Climbing team women

grabbed the top spots, with Liz Major taking first, Megan Emmons securing second, and Mallory Tayson-Frederick wrapping up the top three.

Major also went on to compete in the regional championship, placing third in tough competition.

For the men’s side, CSM’s Chris Brus captured a solid third place. Thanks to the strong performances that the team had, Mines placed first overall in the total team score.

The club practices whenever their members can get together at the Student Recreation Center’s rock climbing wall. They have been trying to work with the Recreation Center to get private team training hours, and hope to have hours in place by next semester. When they are not clinging to a wall, the club tries to carpool to Rock’n & Jam’n on Friday nights.

The club says that they are trying to raise the money to be able to travel to the CCS national championship next year.

Every competition has beginner, intermediate and advanced divisions, allowing all levels of experience to compete. For those who are interested in the club, they can email club president Megan Emmons at memmons@mines.edu.



The Colorado School of Mines Climbing team
From left to right: Liz Major, Mallory Tayson-Frederick, Megan Emmons, Alan Carter, Ryan Sprackling, Saleem Drera, Chris Brus, Cristal Hibbard
Not pictured: Jack Crockett, David Stallman, Berkeley Hippel

COURTESY CSM CLIMBING TEAM

Recently, seniors in all the departments on campus have competed to be the most philanthropic on campus, raising \$9,043.11 for their departments and \$453 for the Mines Fund.

The departments were split into two groups: Heavyweights, those with more than 35 graduating seniors, and Lightweights, those with 35 or fewer graduating seniors.

Here’s how the different departments ended up.

Departments (Lightweight = Green) (Heavyweight = Purple)	Number of expected May, Field & Summer grads	Number of donors	Percent of seniors who donated	Grand total raised for everything by each department
Chemistry & Geochemistry	10	3	30.00%	\$50.00
Economics & Business	21	0	0.00%	\$0.00
Engineering - Environmental Systems	13	6	46.15%	\$152.00
Geology & Geological Engineering	33	28	84.85%	\$4,249.11
Geophysics	18	5	27.78%	\$902.00
Metallurgical & Materials Engineering	22	9	40.91%	\$152.00
Mining Engineering	22	0	0.00%	\$0.00
Chemical Engineering	93	4	4.30%	\$200.00
Engineering - Civil	50	10	20.00%	\$572.00
Engineering - Electrical	35	1	2.86%	\$60.00
Engineering - Mechanical	106	8	7.55%	\$296.00
Mathematical & Computer Science	44	8	18.18%	\$400.00
Petroleum Engineering	97	63	64.95%	\$1,902.00
Physics	61	29	47.54%	\$551.00
Anonymous/Other		2		\$10.00
Totals	600	177	29.50%	\$9,496.11

Governor Ritter discusses “New Energy Economy”

Tim Weilert
Staff Writer

When Governor Bill Ritter came to campus last Monday, he did not talk about higher education or the upcoming gubernatorial race. Instead, Ritter used his opportunity as the William H. Erickson Distinguished Lecturer to discuss the “new energy economy.”

Ritter began his talk by urging students to consider a career in public service. “You get to be about something much bigger than yourself,” he said. “You can focus on the quality of life for people in your community. Be open to those possibilities, it can be very fulfilling.”

Shifting into the main topic of his discussion, Ritter explained how he came to care about energy issues despite his non-scientific background. “I looked at the state and thought, ‘We’re not fulfilling our potential to lend to the conversation about energy production and consumption.’”

The premise for Ritter’s stance on new energy came from a belief that focusing more on alternative energy could combat climate change and produce other residual benefits. During his campaign for governor, Ritter coined the term “new energy economy,” a phrase which has come in vogue on the national political scene.

Ritter explained, “The new energy economy is really about three things... Availing ourselves to a greater num-

ber of domestic resources. It’s also diversifying our energy portfolio; using sun, wind, and natural gas while increasing energy efficiency and addressing environmental challenges. Finally it’s growing the job sector in clean energy.”

In order for the US to take a leading role in international climate policy, Ritter suggested that energy policy should be examined and intimately linked to climate policy. In order to increase energy security, he suggested that domestic production and scientific research should be supported while addressing serious environmental issues.

“The good news for the School of Mines is that research and develop-

ment is at the core of the new energy economy. We have the best corridor in the world with the National Renewable Energy Laboratory, the different federal labs, the School of Mines, CU, and CSU. Some of the best work being done is ongoing in this corridor and has been commercialized over time.”

Ritter gave several examples of local companies creating jobs and bringing billions of dollars in new investments to the state through commercial applications of new energy. He hoped that his template for building energy security through R&D and commercial applications could be used on national and international levels.



TIM WEILERT / OREDIGGER

Scientific discoveries this week

Jake Rezac, Staff Writer

Pasadena, CA - Scientists at the California Institute of Technology have created a material which has a negative index of refraction for light. While this has been done before, the new material is noteworthy in that visible light, rather than light humans can't see, is refracted in a counterintuitive way. The material is also easy to produce, compared to similar materials, and easy to adjust to change the refraction of light. Scientists hope that this technology will be useful in high-resolution imaging and invisibility cloaking.

Cambridge, MA - New research shows that dreaming about a task that needs to be completed during light sleep will result in stronger memories of the task. That is, taking a nap after being confronted with an excess of new information will result in a better ability to recall that information. The study also reports that there is no such increase in memory if dreams are about something else, or if the same time period is spent awake thinking about the task. This research is the latest in a string of studies which demonstrate sleep's effectiveness in helping learning and memory.

Southwest Germany - A new study suggests that migratory birds will slowly become non-migratory if average global temperatures continue to rise. This will occur as temperatures near where the now migratory birds live in the winter warm to those experienced where the birds migrate. Data collected on the south German blackcap suggests that birds will, over only a few generations, start migrating less distance and eventually stop.

Catalonia, Spain - Fossils of an ancient primate, which separated from the primate evolutionary tree immediately before homonids and Old World monkeys, have been found in Spain. The fossils are believed to come from the first group of ape-like creatures which migrated from Africa to Europe. Another recent discovery of similar fossils in China was dated 4 million years older than the Spanish fossils, indicating that this sort of animal traveled to Asia before Europe.

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Headlines from around the world

Emily Trudell, Staff Writer

The **water shortage** in Dha-ka, the capital of Bangladesh, has become so severe that troops have been deployed to guard that city's water pumps and organize water distribution. A lack of rain in the area has exacerbated the problem, and the city is currently only able to produce 1.9 billion liters of the 2.2 billion liters required daily.

Hojatoleslam Kazim Sadeghi, a senior cleric in Iran, preached that women who **dress inappropriately** spread promiscuity in society that leads to an increase in earthquakes. Sadeghi is not alone in arguing that there is a connection between morality and earthquakes. American televangelist Pat Robertson suggested in January that the recent earthquake in Haiti was caused by a pact between Haitians and the devil.

Rocker Bret Michaels was rushed to a hospital on Thursday and was reported to have suffered a **massive brain hemorrhage** in his brain stem.

Ugandan King Oyo officially took full control of the Tooro kingdom in Uganda after celebrating his **eighteenth birthday**. The band of advisers, who have guided him as a minor, disbanded to mark his birthday. The Tooro Kingdom is home to over 2 million people, the majority of which live in poverty.

Lawmakers in Belgium are considering a

ban on face coverings called nijabs in public places, as well as a ban on full head to toe burqas worn by Muslim women. They argue that these coverings hinder the dignity of women, and violate freedoms. Opposition groups argue that a general ban will violate rights, and that women have the choice to express their religious beliefs.

An Oregon jury found the Boy Scouts of America liable for the **sexual abuse of Kerry Lewis**, a 38 year old man who was victim to sexual abuse over 25 years ago. The Boy Scouts of America must pay 18.5 million dollars in punitive damages.

Over 6,000 people have been

detained for crimes including theft and prostitution in Shanghai, China after a recent police crackdown involving over 30,000 officers.

The **World Expo in Shanghai**, opening on May 1, is expected to bring over 70 million people to the area over the next six months.

Governor Jan Brewer of Arizona signed a bill **requiring immigrants to carry registration documents** at all times. The bill also requires police to question those who are suspected to be illegally residing in the United States. Opponents of the bill say that it will cause racial profiling, and undermines fairness.



Local News

In partnership with the Governor's Energy Office and the Energy Efficiency Conservation Block Grant, Jefferson County will be installing solar arrays on two Road and Bridge shops, the Laramie Building, the Fairgrounds, and the Rocky Mountain Metropolitan Airport. These installations are expected to save the county of just short of \$115,000 per year in utility and maintenance costs.

The Rocky Mountain Rail Authority concluded that a high speed rail is feasible in Colorado. RMRA found that the most feasible corridors for such a rail are I-70 between DIA and Vail, and I-25 between Ft. Collins and Pueblo.

The Institute for Environmental Solutions (IES) has received the prestigious 2010 Sustainability Award from the City of Golden for its demonstrated commitment to the City's sustainability goals. The award recognizes IES's leadership during the past year in reaching out to Golden residents with easy actions they can take to reduce chemical contamination in water.

The United States Postal Service is considering selling the Downtown Golden Post Office building along 13th Street. The first Golden Postmaster was appointed 150 years ago at this location, and is considered to be a historic landmark. There is no word on possible buyers of this building.

EarthWorks celebrates a cold Earth Day

Alec Westerman
Staff Writer

Although the event grounds were soggy and cold from the week's various storms, Mines' Earth Day celebration went ahead as scheduled. Students anxiously waited to enter, and long lines quickly formed for the pizza and beer (Anthony's and Coors respectively). A band played under a canopy in the corner of the event grounds, and booths were set up around the perimeter for various groups promoting conservation awareness. Only one group from the Golden Public Works department canceled on account of the weather. As time went on, students either joined in a game of hacky sack, dispersed into conversational circles, or wandered off on account of the temperature.

Coordinators of the conversation awareness groups shared their involvement in the day's festivities. Theresa Worsham with the Public Works department as the city's sustainability coordinator explained that her purpose for being at the celebration was to promote and explain cooperation between the campus and the community on matters of sustainability. Tracy Pond, also with the Public Works Department representing the environmental services section, was present to discuss water quality.

The attendance almost exclusively consisted of students, many of whom were disappointed with the weather but enthusiastic about the earth, pizza and/or beer.

Kevin Raber, an attendee, commented, "Free beer rules!" Jonathan Albright, stated, "I like free pizza." James Douglas explained, "I think Earth Day is pretty awesome because the earth gives us fantastic things, like silicon and iron, which make all the things we

hold dear in our lives, like computers and cars." He went on to say, "As far as recycling goes, I think it's sweet that we have single-stream recycling." He then explained that when he was in Japan, all the recycling had to be separated, which made it much more inconvenient. He closed saying, "Without the earth, we wouldn't be here." In relation to the celebration, he commented, "Well, it sure looks quite jolly... free pizza and beer is pretty cool."

Students went on with various comments about the food, the Earth, and the weather. Andrew Naibauer exclaimed, "Earth rocks; favorite planet!" Desire Tan lamented, "It's too bad the weather turned it down a bit." Naibauer jested, "It's too bad the earth was sad for its birthday. It was crying and it had some dandruff." Getting a bit more serious, Tan suggested, "They should give us drinks other than beer." Josh Hansen admitted, "I'm here for the free food." Bryce Carande explained, "I'm all in favor of Earth Day, but this is just a celebration with food." He then expounded that the event was somewhat lacking on the awareness aspect. When asked what he thought about Earth Day, Dennis Litvak admitted, "I don't know, but I like the beer." Marilou Canon commented, "They meant well, but I feel the beer and pizza took over." Tim Weilert said, "I think the earth didn't want us to celebrate given the weather." Heather Hunt commented, "It's ironic that the earth hates us on our celebration of Earth Day." Erik Charrier remarked, "I'd like to see the calculations on how much CO₂ was not emitted and how many trees were saved by the pizza boxes."

But not all were disappointed due to the weather and Jesse Earle commented, "Earthworks put on the best event of the year."



ALEC WESTERMAN / OREDIGGER

Donors enable new student projects

Ryan Browne
Editor-in-Chief

Throughout this semester, the leadership class has accepted and reviewed 36 grant proposals from student organizations on campus to find those most deserving of some additional capital provided by several generous alumni.

Part of the leadership class curriculum is for the class to engage in a community service project that helps to develop the leadership skills of the students. "This year, Sara Pond from the foundation office approached me about this class project in which we could further refine the community service project and gear it more towards the CSM community. Also, it was a great way for the students to get hands on experience utilizing

some of the leadership skills that they have and have been learning throughout the semester," said Marie Hornickel, the leadership class facilitator.

The money for the grants was provided by donors, 2009 Mechanical Engineering graduate Kevin Duffy, 2006 Petroleum Engineering graduate Megan Star, 2003 Electrical Engineering graduate Travis Johnson, 2008 Petroleum Engineering graduate April Nelson, and an anonymous donor.

"We wanted something that maybe the club probably would not be able to do without these funds but would really benefit either the Mines campus or the student population," said Mike Marlow, as he talked about the criteria the class used to choose the grant recipients.

The six clubs, each chosen because of their specific project,

were in attendance to accept their checks.

The Rock Climbing Team was given money to enable them to buy jerseys for their members to be more recognizable at competitions. Campus Crusade for Christ was awarded funds for their celebration of Custodial Appreciation Day. The Mines Cheerleading Team will be buying uniforms with their grant money. The Association of Environmental and Engineering Geologists were given money to fund field trips for their members. Engineers Without Borders will be using their grant money to develop a water filtration system for the Navajo in the Four Corners Area. Finally, the Student Society of Geophysicists will be using their money to support their members in efforts to rebuild Haiti.

"I would just like to say, on behalf of the SSG [Student Society of Geophysicists], 'Thank You.' This is a neat thing. We look forward to the service we will provide to Haiti," said the representative from the Student Society of Geophysicists, reflecting the attitude of all the clubs awarded funds.



COURTESY PETERS PHOTOGRAPHY

Members of the Leadership class along with two of the Alumni donors, Kevin Duffy (front right-center) and Megan Star (front left-center)

Foreign Direct Investment facilitates economic growth

Alec Westerman
Staff Writer

Philip Maxwell from a partner university in Australia came to Mines to discuss foreign direct investment in mining. He began by explaining, "The final report hasn't appeared yet, so what you've got is my version of a power point presentation." The study he presented consisted of information gathered from interviews with over 40 "mining company executives", "key public servants", and "other interested stakeholders."

According to Maxwell, there have been a number of cases in which foreign direct investment

(FDI) has helped facilitate economic growth. Two notable cases are Canada and Chile. Beneficiaries have been foreign companies, host governments, citizens, and "the local communities in which the mines operate." Maxwell added, "One might argue that Australia is a good example of that happening."

In the case of Chile, FDI has been welcomed "for more than a century," explained Maxwell. There has, however, been one exception. Between the mid 60's and the mid 70's Maxwell stated that "they felt that they were being exploited by foreign direct investment." In Chile, the mining industry is growing and

FDI outflows have, in some years, exceeded inflows.

Concerning Canada, Maxwell explained, "Since its independence in 1867, Canada has welcomed FDI mining and other areas of investment". Drawing a comparison, he explained "Australia's pretty much the same too." Recent upsurges in Canada's FDI consisted of the takeovers of Inco, Falconbridge, and Alcan in 2006 and 2007.

According to Maxwell, "One of the reasons Canada is attractive to FDI is that it works." It has political stability, social stability, a mining history and tradition, and there is an openness of society. It offers

"security of tenure and consistency of mining regulations." The tax system and foreign exchange regulations are constant and favorable, and the environmental regulations aren't too prohibitive. Its "management of indigenous issues and socioeconomic agreements" are also appealing.

In order for FDI to be attractive for country investors, Maxwell explained that investors "have to be able to work with bureaucracy." The cities of the country in question have to be safe. The legal system has to be able to offer the protection of law and stability at the mining site. There also had to be support from the local communi-

ties in the area the mine would be constructed.

Maxwell explained that Canada is the world's most active mining nation. It has a very favorable mineral endowment as well as political, cultural and institutional stability. "You know the playing field you're on when you get to Canada, and it's pretty good."

Chile, in comparison, was described by Maxwell as having somewhat better prospects in terms of mineral reserves, but it is not quite as attractive in terms of country workability and other economic factors. Overall though, Chile remains one of the most attractive countries for FDI.



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Geek of the Week

...Pete Harmon, Junior: Metallurgy and Material Science

Dan Haughey
Staff Writer

Oredigger: Do you consider yourself a geek?

Geek: No, I would say nerd though because geek is more insulting than nerd is. Geek is someone that you just don't want to be around; they have volcano zits all over their face, and they snort in the corner.

How did you come to be at Mines?

Ever since my sophomore year of high school, I wanted to go to Mines, but my junior year I thought I should apply to MIT. I did the interview, I wrote the essays and I missed the application date because I was in Cancun; they don't have Wi-Fi in Mexico. Who'd da thunk it? No Wi-Fi in Mexico. So I just came here and did the little free Golden Scholar application.

What is your favorite geeky pick up line?

"Come on, baby. Just look at the periodic table. I'm two minus, you're two plus, and together we're stable." I've got one that is not geeky. So you go to a girl at the bar and ask to buy her a drink and she says, "I have a boyfriend." I say, "I have a goldfish." She says, "What?" and I say, "Oh, I thought we were talking about things that don't matter."

What is the geekiest thing you have seen or done?

I still play Pokemon pretty consistently. I tried to run the N64 emulator on the school computers to play, but it didn't work. But yeah, I still play the card game pretty regularly.

What is your favorite geek joke?

If at first you don't succeed, call it version 1.0. Or, failure is not an option, it comes bundled with your Microsoft product.

Star Wars or Star Trek? Why?

Star Wars was sweet until I saw the Star Trek movie that just came out, and it blew Star Wars completely out of the water. I saw all the Star Wars movies and Star Trek said, "Umm, sorry. I am setting a pedestal that you are not going to get to." I like cried during the epic parts because it was so epic. Not during the sad parts, but like at the end where Spock is right next to the ship and Nero says, "fire everything," and it's like, "Captain, I am

detecting another ship," and The Enterprise shoots down all the rockets. Totally cried. In general, Star Wars is probably better. The [Star Trek] movie was good, but it didn't have Han solo or Chewbacca.

What are your hobbies?

Freeboarding. It's like a long board that rides like a snowboard. It has six wheels; four wheels like a long board does, but it has two center wheels that are farther down so you can rock back and forth. Also, Pokémon is a big part of life.

What is the geekiest thing you own?

I own a lot of Pokémon cards and still play the Pokémon card game with the old cards.

What has been your favorite class at Mines?

Earth with Shorey because he has a really controversial class and he is the type to go, "This is how it is. I don't care what you think," and you're like, "Sweet, I like your attitude," and he is super into it too. And it makes the class much better because when you have a professor who likes it; then, he doesn't monotone stuff like, "You integrate it and do this and the answer is..." like in any other class, but he is into what he is doing, which is sweet.

What is your favorite piece of technology?

The new iPod Shuffle....psych, it doesn't even have any buttons on it. You have to use the Apple head phones to use the iPod. The controls are on the cord, so you have to use those piece of sh*ts head phones. But the old one is sick. But I like the iPad because if you downloaded all your books as ebooks or pdf files, you would save your money's worth in books in one semester. But I like my blackberry because I can tether it to my laptop and I will have internet where I have service.

What is your favorite movie?

A v a t a r was pretty sick, but it was like a combination of all these epic movies.

What is your favorite book?

I am dyslexic. I enjoy

reading but it takes too much time.

What clubs or activities are you involved in?

I am in MSEC, and I am a research assistant who does metallography.

Who is your role model and why?

Spock because of the Vulcan death grip.

What is your favorite OS? Why?

Mac OS X because of the user friendly aspect of it. I am not a computer hacker by any means so I do not need Windows to run word processing. Because I don't want to go to start, All Programs, Microsoft Office, Word as opposed to key command word enter. So versatile and user-friendly.

What is your favorite formula and why?

The quadratic formula is pretty bad ass. Why? Because of the quadratic formula song.

If you were stuck on a deserted island and you could only bring 3 items, what would they be?

I would bring a fully loaded yacht, PS3 and Wilson.

If you were to come up with a class for CSM what would it be?

It would be PA 246: Power napping.

If you could be anyone else, who would you be?

I would be me without dyslexia.

What is one thing you love at Mines?

Everyone is on the same wave length, and I could walk into any classroom and talk about Pokémon and everyone would know what I am talking about.

One thing you would like to see changed?

It would be nice to look around and not see only guys.

PHOTO COURTESY PETE HARMON



First Pi Mile Fun Run attracts a crowd

Robert Gill
Asst. Business Manager,
Sales and Marketing

Kappa Mu Epsilon (KME) and the Society for Industrial and Applied Mathematics (SIAM) hosted the first annual π Mile Fun Run last Sunday. Participants completed a 3.14-mile course while learning facts about π written on the pathways.

Nearly 50 people showed up to participate in the event. Everyone ranged in ability from professional runners to casual walkers. Every runner received a number to keep track of their times and for entry in the raffles. KME and SIAM have not released the official race times as of when this article was written.

The course was a back-and-forth loop laid out around Clear Creek. Participants started by doing a lap around the new track by Brooks Field. Next, they made their way down to the Clear Creek trail off of 11th and headed west until the trail ended. Finally, everyone turned around and went back

to the staging area to finish the course.

While the conditions on Sunday morning were perfect for running (overcast with a light chill), the weather earlier in the week created huge puddles and made the course somewhat muddy. Ironically, according to David Lipp, coordinator and assistant for the fun run, they "scheduled this event in late April in order to avoid the rain and snow." Since most of the course was on asphalt and concrete, the extra moisture did not affect the entire race.

Every participant received a T-Shirt and was entered in a drawing for other prizes. Most of the prizes were π -related, ranging from gift certificates for pizzas at different restaurants to actual pies. One person received a pie for finishing with a time of 31:40.

Overall, the day was a huge success. KME and SIAM are hoping to host this fun run again next year. It is definitely a must for anyone who enjoys any kind of walking or running.

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Engineering meets politics at Mines' Model U.N. club

Jake Rezac
Staff Writer

"We're the future of the world - our opinions count," explained Mines Model United Nations (MUN) Founder and President Sarmad Diab. "As engineers, we are best fitted to make executive decisions because we deal with the technical issues and are less inclined to base our judgments on mere emotions." Diab, who is a senior in Petroleum Engineering at Mines along with other members of the club, recently represented these ideas in a National MUN Conference at the United Nations and Sheraton Hotel and Towers in New York. The group was joined by over 5,000 delegates from 340 schools from around the world to discuss issues pertinent to the real U.N. The Mines delegation

acted as representatives from the South Pacific island nation of Vanuatu in the General Assembly.

MUN is an academic club where students take on roles as ambassadors and simulate a session of a UN body. Delegates from universities research a country, take on roles as diplomats, investigate international issues, consult, debate, negotiate, and then develop solutions to world problems that are currently being faced. The club was formally initiated in January and the conference in New York was their first major event. They're always looking for members, and Diab sees it as a good way for Mines students to develop skills often ignored by the engineering-focused curriculum.

"The curriculum at our school is predominantly concentrated on engineering matters and doesn't focus

enough on the vital soft skills that are also imperative," he explained, "the club kind of sets the tone for real life...it's a great experience for young engineers to have."

In November, the club will be traveling to Olomouc, Czech Republic for the National MUN conference hosted there. According to Diab, "The club is an excellent way to view and understand legislation creation, parliamentary procedure of UN organs, and the subtle but real political nuances that shape international relations and diplomacy." Other future events hosted by the club may include a debate on climate change. A professor from Denver University may be coming on campus to host this formal U.N.-style debate prior to the club's departure to Europe.

The club is now looking for new

students and is hoping to expand their presence on campus before they travel to the Czech Republic in November.

"We're looking for passionate students [primarily undergraduate] who want to be involved; it's a public speaking and diplomacy club, and it's open to anyone at Mines," Diab explained. "Our objective is to build and form a strong dedicated group of students that can perform and compete on an interna-

tional level." The club will be hosting an information session in the near future, and interested students should look for announcements about the club. Questions about the club should be directed to Sarmad Diab at sdiab@mymail.mines.edu.

PHOTO COURTESY MODEL UNITED NATIONS



Pac-man chomps through Kafadar Commons



On Thursday, April 21, Mines became a giant pac-man arena for five students on campus.



ALL PHOTOS ZACHARY BOERNER / OREDIGGER

Kuo impressed at Mines students' aptitude

Trevor Crane
Content Manager

Regardless of your view of the value of PHGN200 in your schedule, everyone would have to agree on one thing: Professor Vincent Kuo is one of the most competent instructors in the subject. For most, he has helped make a notoriously hard class a little bit easier. For his efforts, he recently earned the 2009-10 Outstanding Faculty Award for the Physics department and will be honored in front of his peers on Wednesday, April 28.

Professor Kuo is originally from Taiwan, where he lived with his brother, sister, and parents. In 1985, he decided to move to America with his brother to live with his uncle in Minnesota. It was there that he began work on his PhD at the University of Minnesota. Kuo then decided to move east where he began working on his post-doctorate at North Carolina State University. There, he participated in many different projects, but most of work centered on physics education research.

From North Carolina, Kuo could not resist the urge to come to Colorado. "I have always wanted to come to Colorado," he commented, "I've always been a skier and had the dream of moving out to Colorado to live." Since Taiwan is not known for their vast ski resorts, he jumped at the opportunity to take a job at the Colorado School of Mines.

Professor Kuo loves the subject of physics. "I am a magnetics



TREVOR CRANE / OREDIGGER

guy. I actually started college as a Chemical Engineer, but after a year and a half I realized that I wanted to pursue physics because I found out that I enjoyed figuring out how and why everything

works."

The only thing that has a chance of overtaking his passion for physics is his passion for teaching. He was an astronomy teaching assistant at the University of Minnesota when he discovered the joy of helping students. "It was that 'aha' moment," he explained, "that I was actually helping them understand the work,

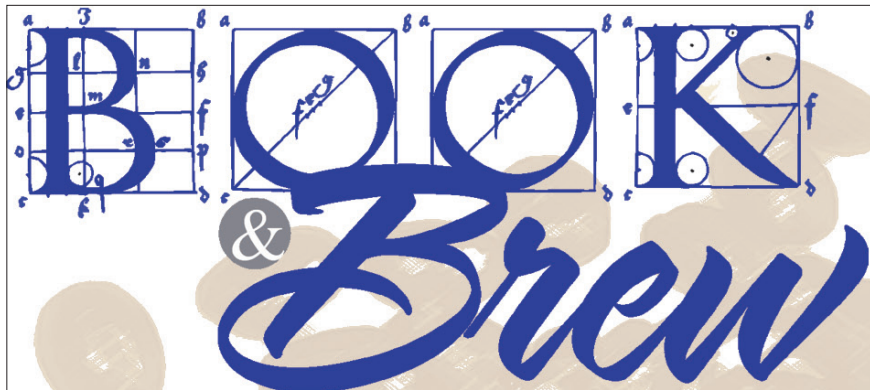
that I realized this was for me."

The Colorado School of Mines creates an environment that Kuo really appreciates. Coming from a large school in Minnesota, he has come to enjoy the community of Mines. "I really like the small campus. Actually, Minnesota had around 40,000 people, and there, you are literally a number," he said of the campus contrast. He went on to state that he has gotten to know many more people here in Golden because of the small size.

In addition to lecturing for PHGN200, Professor Kuo is involved with education research at Mines. In fact, his all-time favorite research project is the implementation and evolution of the studio portion of Physics II.

Outside of his work at Mines, the physics professor is the editor for www.per-central.org, an archive of free physics resources. He is also the associate director for the Center of Electrical Engineering, and the Colorado and Wyoming section representative for the American Association of Physics teachers. He spends his free time pursuing his skiing passion, fishing, and playing softball.

Kuo has only been here for a few years, but he has come to love Mines. "The student body here, as a whole, is better prepared than I'm used to, and actually more driven as they've come to meet my expectations. It doesn't feel like work," he said with a smile.



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Microbrew Tour caters great taste of downtown Denver

Kevin Lock
Staff Writer

The Denver Microbrew Tour may very well be the best thing you've never done in downtown Denver.

A mere nine months in age, the tour is still in its infancy but is becoming more popular by the week. TripAdvisor lists it as the number one thing to do in Denver and the founder, Mines graduate student Steve Schneider, says the reservations are starting to pile up.

"I'm starting to get people booking tours well in advance but it's definitely still growing," he explains.

The premise of the tour is simple: learn the basics of how beer is made, walk through downtown and get a taste, literally, of the local flavor. It also offers a way for the local breweries to get people to try their beers, some of which have won awards at many competitions.

Schneider came up with the idea during a "coffee-crawl" in Seattle.

"I did the coffee-crawl in Seattle and I kind of thought 'Why wouldn't this work with the breweries in Denver?'...so I put it together and it has worked so far."

Starting at the Great Divide Brewery on 23rd and Arapahoe, the tour offers an inside look at the multiple-award-winning brewery. From the 50-barrel (100 keg) mash-tuns (the birthplace of beer) to the 140-bottle-per-minute bottling line, Great Divide invites you inside to learn the most intimate details of a modern microbrewery.

At the conclusion of the behind-the-scenes tour, Schneider pours four samples of Great Divide beers for everyone and, in case college hasn't been enough, teaches the group how to properly taste the beer.

From Great Divide, the tour winds its way to Breckenridge Brewery, also a popular restaurant destination near Coors Field. At Breckenridge, our tour was served samples of Agave Wheat and Vanilla Porter, both of which were enough to put Breckenridge on my personal "brewery radar."

After the quick stop at Breckenridge, tourists wind their way past Coors Field towards Wynkoop Brewing Company on 18th Street.

It's certainly worth mentioning that Schneider guides all of the tours and includes a bit of Denver history in each. For instance, Market Street was originally called McGaw Street until Mr. McGaw disgraced the city by becoming an oft-arrested drunk. Denver then named the thoroughfare Holliday Street to honor a local family...until the family petitioned to have name changed because it was becoming a magnet for prostitution. As a result, the

city settled Market Street because, as Schneider said, "It was a market of sorts."

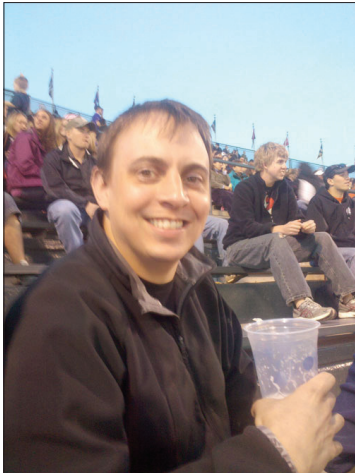
At Wynkoop the sample fare included B3K Schwarzbier—a dark looking, somewhat light tasting black lager styled after popular German beers—and Patty's Chile Beer—a beer that smelled like a

pint glass of spicy Anaheim peppers but tasted more like a mildly spiced lager.

From Wynkoop it was on to Rock Bottom Restaurant and Brewery, a fitting end to the tour because it offers an extensive menu of pub favorites as well as house originals (trust me, by the end of the tour a bite to eat is a necessity).

As if the ten samples weren't enough over the course of the two hour long tour, the admission ticket (which also serves to keep track of the beers you did or did not like) has a coupon redeemable for a free pint of your choice at any of the breweries on the tour. This is another opportunity for a 'trust me' moment; don't lose your ticket. Two unfortunate people in my group did and suffered the consequences when they had to watch the rest of us enjoy ours.

In the end, the tour was money well spent. Whether you are a local or an out-of-towner this is the best way to get a taste of Denver and Denver's beer.



KEVIN LOCK / OREDIGGER

Reinventing Ramen

Three New Noodle Recipes

Katie Huckfeldt
Content Manager

Ramen Trail Mix: Break up a package of ramen noodles (leave out the seasoning packet) and add a cup each of dried cranberries, dried apricots, and sliced almonds.

Chocolate Ramen Dessert: Boil a package of ramen noodles (leave out the seasoning packet) in 2 cups of water with a cup of brown sugar added. Drain the

water, then add one teaspoon vanilla and one cup chocolate syrup. Put on a serving plate, sprinkle with powdered sugar and garnish with whipped cream.

Ramen Breakfast Burrito:

Boil one package of Ramen noodles with one beaten egg for three minutes. Drain all but 1 tablespoon of water. Next, stir in the seasoning packet, a cup of shredded cheese and a dash of hot sauce. Wrap up the mixture in a tortilla for a warm breakfast burrito.



PHOTO COURTESY KROPSQ

Golden Sweets dishes out decadent desserts

Katie Huckfeldt
Content Manager

Walking down Golden's historic main street, the tempting sight of ice cream and candies taunt the sweet tooth of any passerby. Once inside, the quaint décor and vast variety of desserts is sure to satisfy all.

From the barrels filled with classic salt-water taffies to the black and white checkered floor, the sweet shop is reminiscent of the good old days. Even though the sign outside says "Golden Sweets: Chocolate and Ice Cream," the store provides a vast assortment of sugary treats and is also known as the Golden's home-town soda fountain.

For those hot summer days spent down by the creek, the store offers a variety of ice creams, malts, milkshakes, and sundaes. The best-seller ice cream to try is the espresso chocolate-chip. Another favorite is the frozen key-lime pie bar. A refreshing key-lime pie with a

graham-cracker crust is first frozen, then dipped in chocolate for that added touch. In addition, the store offers root beer floats and ice cream sodas in a multitude of flavors.

Craving something baked instead? Dig into one of the store's Blue-Point bakery pies. While the pies are seasonal, they are a sure pick if available. Choose from favorite flavors such as apple, cherry, or blueberry. Cookies are usually available as well.

With the store's many candies, chocolate lovers will not be disappointed either. There is a little bit of everything from peanut butter cups, to truffles, to caramels and nut clusters. The top pick at the candy counter goes to the salt caramels.

So the next time you find yourself on a stroll down main street, stop in at Golden Sweets for a treat that is sure to exceed expectations. Also, make sure to take advantage of the frequent buyer card: free ice cream after your eighth cone!



ALL PHOTOS KATIE HUCKFELDT / OREDIGGER



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How to Train Your Dragon heats up the big screen

Katie Huckfeldt
Content Manager

With a spring line-up of must-see movies like Kick Ass, Clash of the Titans, and Date Night, audiences want to know how the new animated DreamWorks creation compares. While the movie may seem to be just another sappy story about an outcast “finding his place in society,” DreamWorks hits a home run with witty humor and a unique plot.

Set in the Viking era, the movie’s hero, Hiccup, does not fit in with town’s burly citizens. Popularity is defined by the ability to kill the various dragons that frequent the town. With his twig-like frame, Hiccup can hardly hold an axe, much less use one, like the other gigantic and muscular tweens. In order to gain acceptance from both the town and his legendary dragon-fighter father (voiced by Gerard Butler), Hiccup must kill one of the most ferocious dragon type of all - the night fury. After a lucky shot from a homemade catapult, Hiccup manages to injure a night fury. Lacking the heart to kill the injured beast, Hiccup lets the dragon go and a bond is formed between the two.

While Hiccup secretly cares for the dragon, which he names

Toothless, he learns that the Vikings do not understand the creatures at all. The story continues as Hiccup is torn between what he knows from dragons through his time with Toothless and what society has told him. The movie draws to a climax as Hiccup’s father tries to destroy the dragon’s nest and Hiccup is left to save both the dragons and his fellow townsfolk. Of course there is the love interest, Astrid, whom Hiccup flies over the clouds on a moonlit night in order to show the serious dragon-fighter the gentle nature of the “beasts.” The movie ends in a traditional DreamWorks fashion, where good prevails. In order to figure out exactly what that entails, watch the movie.

What makes this movie great is both its originality and its mockery of traditional movie plots. Many animated movies have been set in modern day, space, the sea, etc., but this is the first to venture into the Viking era. The Vikings are as stereotypical as ever; violent, dirty, and somewhat dimwitted. Hiccup is used as a foil to the stereotype; he engineers dragon-weapons instead of welding a massive sword and he questions things around him instead of blindly accepting them. Hiccup and the other characters acknowledge his difference

in humorous banter heard multiple times - a mentor or guardian gestures to Hiccup and advises to just “change this,” which Hiccup responds, “But... You just pointed to all of me...” While the traditional, sappy message to “Be Yourself” is there, DreamWorks has some sarcastic fun with it before getting to the point.

One final point that makes How To Train Your Dragon worth its ten dollar admission fee is its expertly crafted dragons. Viewers will be happy to note that unlike the majority of animated films out there, the dragons do *not* magically gain the ability to speak. Clever facial expressions, such as the priceless smile scene that resulted in the name Toothless, let the dragons speak without needing words. With a wide assortment of abilities and features, each dragon creates its own persona. However, as Hiccup discovers, all dragons have common likes and dislikes that bear a striking resemblance to the common house cat - love of fish, head scratches, and grass.

With colorful characters, an original story, and non-stop laughs, How to Train Your Dragon is not just another animated kids’ flick and is well worth the movie ticket.

Congratulations doesn’t live up to hype

Jake Rezac
Staff Writer

Brooklyn duo MGMT’s 2008 album *Ocular Spectacular* took the airwaves by storm with songs like the Grammy-nominated single “Kids”. The group’s psychedelic feel, coupled with it’s pop-dance sensibilities, were the perfect combination for their upbeat and original album. Congratulations,

the group’s new album which was released two weeks

ago, depends less on the poppy singles which drove their earlier work and is more of a single 45 minute experience.

The album’s first “single” (the band refers to it as more of a taster for the album than a true single) is “Flash Delirium.” The song is what would result if Of Montreal decided to remix an unreleased Beatles song by adding synths and electro-psychedelic beats... and it truly is a “taster” for the album, rather than a single. Low-key hooks backed by somewhat ethereal synth riffs are a standard across the album. This is particularly true in the aptly-named “Brian Eno,” named after the ambient music pioneer.

The lack of songs such as “Kids,” is somewhat disappointing. MGMT has a talent for writing songs like that, and their refusal to do so is a bit disheartening. However, writing an album as a whole is a worthy endeavor. This works particularly well in the middle of the album. “Siberian Breaks,” the 12-minute apparent emotional peak works well with the album as a

whole. The song shows off a good portion of MGMT’s talents, and is a very interesting song.

While *Congratulations* is a good album, it sometimes lacks coherence. As MGMT wrote the album as a singular experience, this is a disappointing result. However, some tracks (“Flash Delirium,” and “Song for Dan Treacy,” for example) are captivating and hold the listener’s attention. The group laments in “Brian Eno” that, “we’re always one step behind him, he’s Brian Eno,” and that’s often the case; they attempt to entertain with things that Brian Eno, Of Montreal, and others have done many times before. Still, the album has some unique gems and is worth listening to.



KVDU Live Volume 1: A sound compilation

Tim Weilert
Staff Writer

In-studio radio performances are often reserved for those few who possess the following: a radio/internet stream and enough sense of memory to actually tune in. I can name more than a few occasions where I have earnestly intended to hear my favorite bands play live sets over the radio waves, but sim-

ply lost track of time and space. Fortunately (and this is where the actual reviewing starts) there’s the new in-studio compilation from DU internet radio station KVDU.

The first thing that struck me about *KVDU Live Vol. 1* was the ridiculously stacked track listing. It’s hard to go wrong when you’re listening to some of the best bands that Denver has seen in recent years. My personal favorite tracks

are “Don’t Be Peaches” from Everything Absent or Distorted, “Asleep at the Wheel” by Old Radio, and the previously unreleased “Tunnel of Love” from Hearts of Palm. The live songs recorded by Widowers, The Knew, Paper Bird, and Pee-Pee also get my stamp of approval.

As far as sound quality is concerned, this collection is crisp, well-mixed, and much better sounding

than you would expect for songs recorded in an internet radio station studio. This is due, in part, to the fact that the entire compilation was given the professional treatment and got professionally mastered in Chicago. However, as with any compilation or mixtape, track-flow is incredibly important. For *KVDU Live Vol. 1* heavier rock songs are tempered with softer folk and pop songs in a way that keeps

things moving while emphasizing each track’s place.

KVDU Live Vol. 1 will be released on May 7 at the Hi-Dive and free physical copies will be available that night. There will be live sets from Mike Marchant and his Outer-Space Party Unit along with Blue Million Miles and Old Radio. Marchant will also be releasing a new solo record, *Indulgent Space-Folk Vol. 2* that night.



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ATHLETE OF THE WEEK

... MARK HUSTED; SENIOR: TRACK TEAM

Trevor Crane
Content Manager

Earlier this year, Head Track Coach Art Siemers referred to distance runner Mark Husted as the ideal Colorado School of Mines Athlete. Siemers was impressed with Husted's work ethic and rise from anonymity. Unlike many collegiate athletes, Husted was never the standout runner in high school. No local magazines or newspaper approached him for interviews. He was not even a top competitor in his events. But just how finding success academically at Mines requires perseverance, hard work, and determination, Husted has risen from being a no-name high school athlete to become one of the top runners in the nation. The senior currently holds two school records, a track record and holds the fastest time in the nation in the Division II 800m race. Here is a behind-the-scenes look at the runner.

[Oredigger]: How did you end up at Mines?
[Husted]: I wanted to be an en-

gineer and stay in Colorado to ski. I visited CU-Boulder and Mines, and I felt that I fit in more at Mines. My high school coach actually talked to the coaches here, and I actually didn't know I was on the team until I saw it on my schedule.

What is your favorite thing about track?

I guess I just love to compete. The 800m is a very tactical race. Outdoors, its only two laps and I break it up into four phases. I try to surge out first and then relax and stay in the pack for the next 200. Then I start trying to push at the beginning of the last lap and by the end, I'm all out with everything.

What is your schedule like?

I have lunch and class first. After that, I try to get in a two mile run in before every practice. Then I go to practice from 4-6 and do some lifting after that. Then I just go home and eat and do some homework and do it all again tomorrow.

What is your best track memory?

That's a tough one. I would say definitely the [Distance Medley Re-

lay]. We were the national champion on my junior year, and it was such an exciting race. I ran with Nick Maynard, Ben [Zywicki] and Mack [McClain] and they just threw together a really good race.

What do you like about Mines?

It is definitely the school for me. I like math and science and how I have a lot of things in common with a lot of people that go here. Also, I like how small it is. If I had gone to a Division I school, they wouldn't have let me walk on, and I wouldn't have run track.

Over his career, the senior has earned his reputation. He is undefeated this year head-to-head in the 800m run, has beaten Olympic trial hopefuls, is a five time All-American, a National Champion, named to ESPN's first Team Academic All-American, and anchored some of the best Distance Medley relays Mines has seen. He will conclude his Oredigger career later this year at the Outdoor National Championships in Charlotte, North Carolina as he looks to defend his title in the 800m.



TREVOR CRANE / OREDIGGER

CSM takes on Regis

Courtesy CSM Athletics

Colorado School of Mines defeated Regis University by the score of 7-6 in Rocky Mountain Athletic Conference (RMAC) baseball action on Saturday afternoon, April 24th, at Darden Field.

Anthony Siderius went 3-for-4 with a HR (5), two runs scored and three RBI for the Orediggers as starting pitcher Andrew Ryan picked up the victory to improve his season record to 2-3. Nick Piehl also homered (2) and drove in three for Colorado School of Mines (9-25 overall, 4-23 RMAC). Bobby Egeberg (2-for-4, SB) recorded a multi-hit game for CSM, as well.

The Rangers stranded 10

runners on base as their record slipped to 13-24 overall (9-19 RMAC). Dave Holland (two 2B, RBI) went 3-for-4 for Regis University while starter Charlie Henderson took the loss. Jesus Arzaga, Gerard Mohrmann and Max Regalado rapped two hits apiece for Regis.

The Orediggers are then scheduled to conclude the regular-season portion of their 2010 season by hosting Colorado State University - Pueblo in a three-game RMAC series on Friday and Saturday, April 30th and May 1st. Friday's series opener against the ThunderWolves is set for 6:00 p.m. while first pitch for Saturday's twin-bill is scheduled for 1:00 pm.



Above, Cory Ast (#17) pitches against Regis University in the first of a doubleheader on Sunday.



Above, Nick Wong (#7) drives the ball past second base.



Above, Elliott Riege (#25) stretches to get an out at first base.

ALL PHOTOS STEVEN WOOLDRIDGE / OREDIGGER

Golf drives home CSM Softball defeats Chadron State in first of tripleheader

Trevor Crane
Content Manager

The Colorado School of Mines men's golf team closed out their Rocky Mountain Athletic Conference (RMAC) competition last week with a tie for sixth at the RMAC Spring Championship in Florence, Arizona.

The young Oredigger team, consisting of two freshmen and three sophomores, recorded a stroke total of 917 (+53) in three rounds on Monday and Tuesday. Mines was led by strong play from Jim Knous as his 222 stroke total (73, 77, 72, +6) earned him a tie for ninth. Knous is continuing a promising career at Mines as he has finished in the top ten four different times during the spring season. And earlier this year, at the RMAC Fall Championships, Knous shot a 70 to tie for first overall to garner co-medalist honors. His performance this year has earned him first Team All RMAC honors.

Western New Mexico University turned in the best score at Florence, led by Gordon Webb's first place finish. But it was UC-Colorado Springs, finishing second at the Spring Championships, who earned the

men's golf title, which is given to the team with the best aggregate score from both the fall and spring competitions. The victory earned UC-Colorado Springs an automatic bid into the NCAA Division II tournament.

The sixth place finish was enough to earn Mines fifth place overall in the RMAC men's golf team standings. Other top finishes for the Orediggers included a tie for twenty-first by freshman Chad Herges (74,75,80 +13) and Elliot Feng's tie for twenty-fourth (79, 76, 75; +14). Feng, a two sport athlete who also excelled at the Swimming and Diving Championships, placed twenty-third at the fall portion of the golf championships. Behind Herges and Feng, sophomore Cory Bacon (81, 79, 78; +22) came in tied for forty-first and sophomore Joe Schwark (79, 86, 82; +31) finished in forty-eighth.

The Orediggers were recently named the sixth seed in the Central Region of the championship tournament, which will be held May 3-5 in Palm Desert, California. The five top-finishing teams will be selected to move on to the Division II Championships in Noblesville, Indiana, beginning May 18.



Above, Sarah Lustgraaf (#18) waits for the throw to get a force out.



Above, Kaleigh Starr (#6) makes contact to get a single against Chadron State.



Above, Sarah Van Lingen (#3) dives to home. Alyson Beck (#7) picked up a single and RBI.



Above, Kaleigh Starr (#6) easily slides into second to beat the tag.



Above, Kaleigh Starr (#6) slides into home to score the first run of Sunday's games versus Chadron State.

ALL PHOTOS STEVEN WOOLDRIDGE / OREDIGGER



Minds at Mines

Taking a break before finals

Roby Brost
Staff Writer

Finals may be just around the corner, but no one ever mentions that that corner is actually a humongous intersection with pedestrians, emergency vehicles, bikers, stop lights, and the whole enchilada. Before the end of the semester, there are still a myriad of things to worry about; last exams before the final, final projects, homework, lab reports, group projects, calculating your grade, finding that summer job or internship, a place to live or how to pay rent, how to get home... Wouldn't it be nice to just stop, take a deep breath, and relax before finals? Hypothetically, this could be done... if there was a hole in the space-time continuum and a deserted island involved. But even with this a new problem arises: what to bring? This is of course, a much more entertaining problem to contemplate than grades and what not, so several Mines students around campus have contemplated what three things to bring to a deserted island of choice.

"The three things that I would bring with me to this deserted island are: a years supply of Mountain Dew Code Red, my girlfriend Chelsea, and a black lab. The Mountain Dew because that is all I need to exist, Chelsea, of course, because she is amazing and great company, and the black lab for when she is asleep."

Thorn Svendsen



"I would bring all of my books, my entire library. I would bring a cup of coffee... or better yet, a coffee machine, and a jar of peanut butter. I have to have the books to keep my mind busy, and the coffee to keep me awake to read the books, and the peanut butter to keep me alive to keep me awake to read the books."

Duncan McElfresh

"Three things? We would bring an inflatable raft, an axe – one with flint on the back of it, and a volley ball. The raft, of course, so that you could go out and get fish... an axe so that you could cut stuff and make a fire, and the volleyball so that you have your own companion and you don't go crazy."

Joey Caruso and Janessa Foraker



"I would definitely bring my hammock. I would also bring a philosophy book because I never have enough time now to think about them, and I would bring a pair of sunglasses. It's one of my pet peeves to have the sun in my eyes and, of course, I would have to save my eyesight to read the philosophy books."

Molly Katolas

ALL PHOTOS ROBY BROST / OREDIGGER

Tim's two cents

Live well, finish well

Tim Weilert
Staff Writer

Springtime always gets me. I don't know if it's the sunshine or the greenery, but my mind always begins to wander and I tend to become more philosophical. This year, in particular, has been a bold mixture of sobering and exciting. I have learned more than a few more equations and formulas; I have learned something about the nature of life.

Life, it seems, is a constant string of births and deaths (both figuratively and literally). The semester is a microcosm of the larger educational experience. What happens at the beginning

of each term? The campus is filled with feelings of excitement, freshness, and anticipation of the knowledge to be gained. However, as we careen headlong into finals, the excitement has been replaced by stress and the anticipation is now reflection.

When an ending is necessary, it is good to finish well. Don't lose heart in the face of an unknown future. Press on and leave in a manner that is honorable and respectful.

As I write these words I can't help but think that I'm really just writing for my own sanity. I am no different than any person reading this article. My involvement in public discourse through The

Oredigger has been an amazing experience that I hope has inspired some to think deeper about the issues. But I have begun to feel my focus and drive shifting.

For this reason I offer my resignation as the weekly opinion writer. My voice has been heard, my opinions discussed, and now it is time for someone else to herald the cause of discourse. So, as I attempt to finish my final Two Cents, I issue this challenge to the students of CSM:

Do not let the public forum die out. Write letters to the editor, author columns, express your opinions and always strive to uphold a standard of excellence.

What's your Beef?



Jamie Thorpe
ASCSM President

I think it is ridiculous that the Slate cafe wants to charge me a meal swipe to come get a glass of milk when each meal cost over \$6 especially if you have a different meal plan, it's bad enough the food is generally low quality for such a high price but \$6+ for a glass of milk? Pathetic.

What would you suggest as a solution? Do you expect them to give it to you for free? I would suggest that if you only want to buy a single serving of milk, you should do so at the Digger Den Food Court, where they charge by the item.

For the next three questions, Chris Cocallas, the campus architect, has provided the following answers:

Why spend money on weaver when it would save more in the long run to demolish weaver and rebuild it into new dorms?

"We have determined that Weaver is a viable building and

with the upcoming renovation work will serve us for many more years. The cost of building a new dorm is much greater than the cost of the renovation when considered over the years that the life of Weaver will be extended."

Why are we closing 1/2 of weaver to renovate when we don't have enough space as it is to fit freshman on campus?

"The renovation of the building requires that the suites be vacant to do the work. The first tower closes for the Summer and Fall 2011 semesters and will be open for the Spring 2012 semester. (This coincides with the Fall 2011 opening of the new residence hall which helps to offset the loss of beds.) The second tower closes for the Spring and summer 2012 semesters and re-opens for the Fall 2012 semester. This schedule minimizes the loss of beds at any given time."

Is there cameras in place to watch the progress of Brown expansion and the new residence hall?

"We're working on that and should have a camera up and running soon."

ning soon."

As part of the ASCSM transition, Alec Westerman, President-Elect, has answered the last question:

What does ASCSM do that is actually helpful to the students and have student input?

ASCSM generally tries to bring student concerns to the table on almost every major issue and some minor ones in addition. In the past, student complaints forwarded by ASCSM prompted the improvement of the crosswalk between campus and Mines park. In response to student complaints forwarded by ASCSM, the faculty senate involved students in the discussion of the plus minus grading system. This involvement caused a four year delay in the implementation so that students begin their Mines career aware of how they will be evaluated. More recently, a petition containing 500 student signatures caused the city council to critically evaluate postponing the GHNA parking proposal until summer so that the school would have time to expand parking.

Response to Tim's Two Cents

Zachary Boerner
Copy Editor

Every Saturday, I sit in front of my computer and edit most (I strive for all) of the articles of the paper so that they can be placed error-free on Sunday. This process is fairly straightforward, and I get a fair amount of enjoyment from reading each of the articles.

However, one article in particular surprised me this week, Tim's Two Cents. I especially enjoy editing Tim's articles, since they usually make a very good point in a short space, but I was surprised when I got to the end of

his most recent article and found that he wasn't going to give his two cents anymore.

At first, I was annoyed. Tim is a great writer and each week, he brings light to a different issue on campus that many overlook. How dare he quit writing now!

Then I started to think a bit more about the situation. Tim is about to enter his senior year here at Mines and is likely focusing on other issues pertinent to him. The paper will still live without him, though it may be a sore wound for a while.

I sincerely hope that someone will rise to fill the gap that

Tim leaves. I enjoy writing, and I'm certainly opinionated, but I'm hardly succinct and tend not to have quite so moderate views as he does.

So please, step up to that line that Tim has drawn. We guarantee that you won't regret it.

Editorials Policy
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Fool's Gold

Dante's inferno vs. the last three weeks of Mines.



Leaders' colloquium: Modern problem solving

Janeen Neri
Chief Theorist

"You've probably heard this over and over," said management guru Adlar Comfort at last Thursday's Leaders' Colloquium, "but you guys are the future. You and the rest of your generation are responsible for how the world turns out over the next few decades. Judging from what I've seen, I would much rather that the 'rest of your generation' be involved as minimally as possible."

After opening his talk with such a shocking statement, Comfort was quick to clarify, "Not that I have anything against them," he said, "they're great people. But the majority of youth today, present company exempted, are far too impulsive to be put in charge of the future." Comfort went on to describe the behaviors of the generation, calling out what he called the frivolous pursuits of history, pure science, philosophy, and psychology. He said that while these were worthy spheres of study in moderation, a society that chased after these areas of knowledge while ignoring or belittling the practical arts

risked extinction.

Comfort went on to say that, although he had no way to guarantee that the "practicalists" would be restored to their rightful place, there were ways to make it more likely. "I know a lot of you won't like this," said Comfort, "but the first thing you need to learn is how to deal with people." Right on cue, the audience groaned. "I know, I know," Comfort continued, "sometimes you just have to deal with these things. It's all for the greater good, remember."

Comfort then detailed steps that practicalists could take to gain and keep high-profile, high-impact positions. "The first thing to realize," he explained, "is that cloud-heads don't realize there's a problem. And obviously you can't get them to work solving problems until they realize they exist, so the first, and most important, step is to create the problem. I cannot emphasize this enough. If you do not convince the cloud-heads that their choices, lifestyles, and understanding of the world are dooming both them and society, then you cannot maintain control of the situation." However, Comfort add-

ed, that simple plan has a couple hitches. "There's a problem with creating problems, and the problem is this: their friends and associates will try to convince them that there is no problem, that you are just using their fears to control them."

"There are several ways to remedy this," he continued, "the first of which is to discredit or dismiss what the rest of the world is saying. Grab onto slips or mistakes that their friends make and blow up these incidents into proof that you are the only authority that can be trusted. In fact, paint the other cloud-heads as both misguided and actually evil whenever possible. Attach danger to the thought of even considering their evil ideas. It is perfectly ethical to invent such dangers when it is the only thing that will keep humanity from chasing pointless intellectual pursuits at the expense of being able to design things to specifications, to follow directions."

"Make them realize," Comfort said, "that their career paths are ultimately doomed to failure. They are helpless without the information about engineering and other

practical, useful paths that you provide and will never amount to anything if they keep their heads in the clouds. Tearing them down like this hurts, but it is a very important step in creating the problem. If people are told often enough that they are incapable of being successful or happy without help, it can become a self-fulfilling prophecy. This gives you room to step in and be that help for them. People really appreciate a rescuer and will readily give you their respect. Keep painting the outside community as the enemy—don't let the slightest amount of doubt or questioning into your voice—and they will quickly bond to your leadership as the only protection from that assault."

Comfort included a warning at this point in his talk: make sure to be sincere. "No one trusts a fake for very long," he said, "so make sure you create the illusion of trustworthiness by constantly complaining about fakes and hypocrites. Also, for heaven's sakes, be nice! Once you have discredited the outsiders, fill the needs of these people with opportunities for community and love. This will

solidify the cloud-heads' devotion to your leadership further; the idea of returning to their old ideas and reckless independence will seem lonely and alienating. Now, if each of you gets such a group of people by your side, you will be able to accomplish great things for humanity."

After Comfort finished his presentation, a few questions were raised, mostly about the ethics of removing people's independence. "You're not removing it," Comfort explained, "you're guiding them towards surrendering it of their own free will. Besides, it's for the good of humanity as a whole—they'll thank you later. In fact, they'll thank you as you're doing it, because you will offer the solution to the problems in the world... problems you made up, sure, but they'll forget that soon enough."

In closing, Comfort emphasized one parting thought, "Many of you will find that dealing with people is a tough skill to master. It requires a lot of nuance and layers, and a lot of sugar: we are building a cake, and that cake will be the foundation of a practical, successful future for humanity. Thank you."

Parking constraints on campus prompt local businesses to action

Erik Lord
Parking Czar

Recent restructuring of on-street parking zones near campus have taken approximately 5,000 parking spots away from Mines students and given them to residents of the City of Golden. The sudden change has left many campus commuters frustrated and downtrodden, but two local businesses have stepped forward to offer a lift—and a glimmer of hope.

MillerCoors Brewing Company was the first to respond to the parking crisis, offering free rides to students forced to park far away from campus. "We already have several buses that go through Golden as part of our daily brewery tour," veteran MillerCoors bus driver Gus Meacham explained, "It's only natural to pick up a few straggling students and give them a lift to the Mines campus."

Currently, many students have been forced to park as far as 27 miles from campus, as bookbags and sneakers have been traded for rucksacks and hiking boots. Geology student Ken Dahl told reporters he left for campus early in the morning on Wednesday, only to arrive at Berthoud Hall an hour late for his two o'clock class on Friday.

MillerCoors is proposing a plan whereby students could park in employee parking lots at the brewery, then take a brewery

tour bus to a new stop on campus, likely in front of Guggenheim Hall. "It's a win-win situation, really," Meacham added about the proposed arrangement. "The students won't have to walk so far, and there will be plenty of parking available. 90% of the students finish the day parked at the brewery anyway... we're just making it more convenient."

The proposed plan has not yet been reviewed by School of Mines administration, but many students are optimistic. Similar plans have been proposed by Golden Ridge Assisted Living Center, who also offered unlimited Werther's® hard candy to student passengers, and local charter service Golden Short Bus, Inc. Neither company's plan, however, stipulated additional parking for students. And both were greeted unfavorably in a campus poll.

"I'm not riding a short bus or a bus full of [elderly] people," junior Steve Blanks told the Oredigger. "That's just embarrassing. I'd rather walk." Blanks also urged the administration to be open-minded. "If the Coors tour bus thing doesn't work, why can't we get that cool silver train from those commercials?"

By bus, or by bullet train, Mines students are desperate for an easier commute to campus. And it may take an unconventional solution to fix this parking dilemma before it leaves the campus breathless—from hiking.

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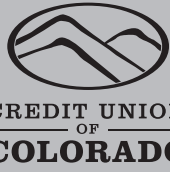
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